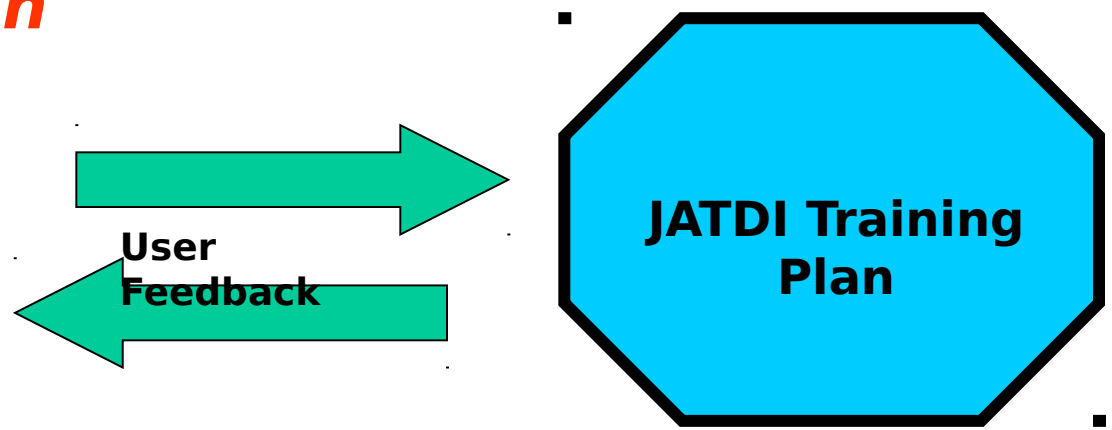
Joint Aviation Technical Data Integration

Executive Overview

Today's Topics

Joint Aviation Technical Data Integration (JATDI) Life Cycle Process

- *Background*
- *Joint Team*
- *Concept*
- *Research*
- *Explore*
- *Deploy*
- *Sustain*



JATDI Background

NAVAIR

Program History

- Tasking from Joint Aeronautical Commander's Group (JACG) in Mar 99 with NAVAIR designated as the Lead

Mission Need

- Streamline the distribution of Technical Data
- Provide the maintenance community with necessary integrated technical data to Improve readiness TODAY
- Digital – Web Enabled-To provide the capability for a user, with access to the internet, to obtain technical data on specific weapons systems that can be gathered and presented back to the requestors terminal.

Current Customer Focus

Army
H-60, H-1,
AH-64, OH-58,
RAH-66, CCAD

Navy
SH-60, EA-6B
F-18, UAV

Air Force
Global Hawk

USMC
EA-6B
AV-8

Coast Guard
H-60

JATDI Vision

A Technical Data Integrated Environment Whereby Digital Technical Data, Training, and Maintenance Expertise Is More Available and Accurate, As *Knowledge* for the Warfighters, by a Cheaper, Faster Means.

On-Shore and At Sea

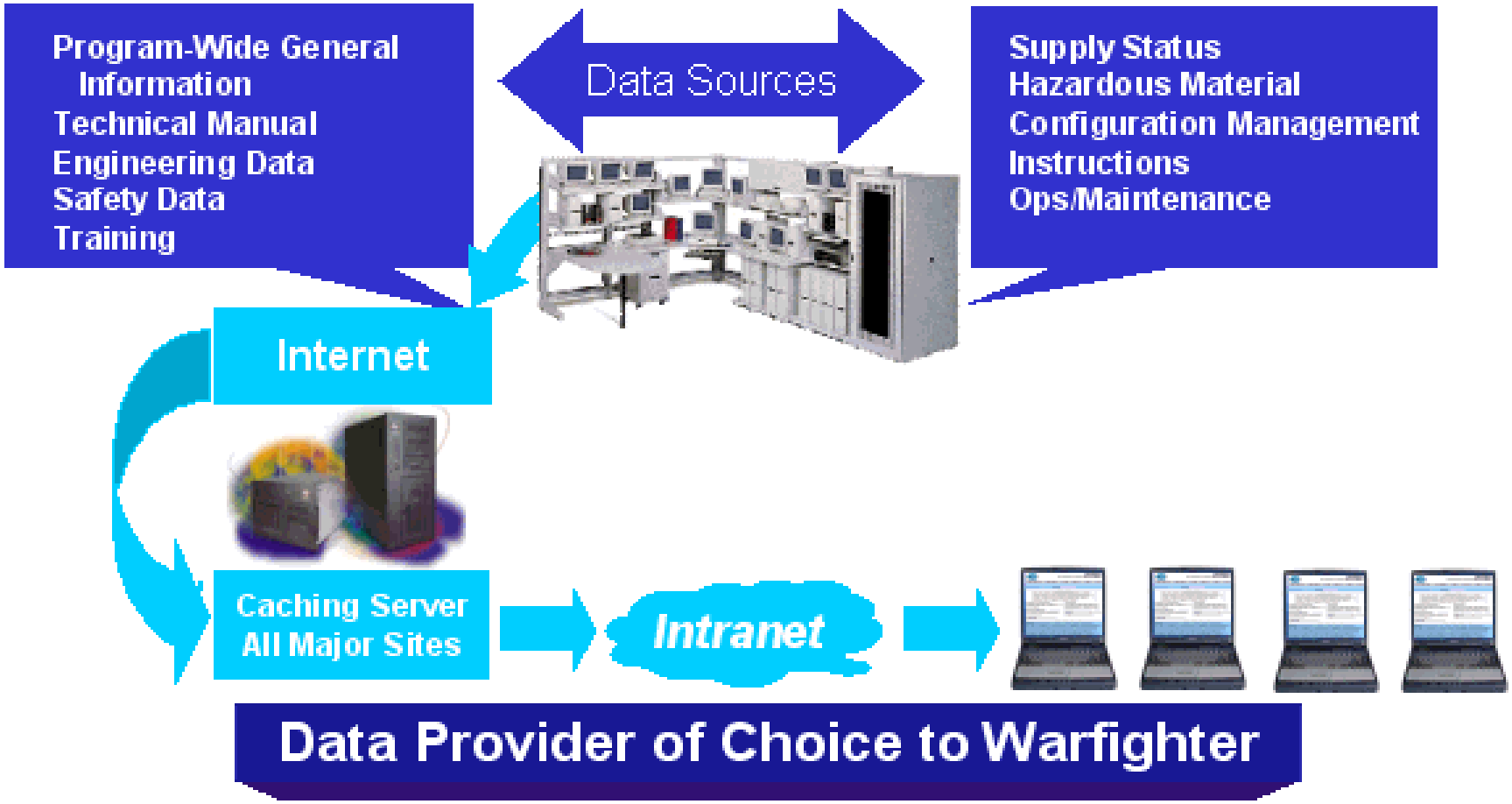
Concept

Play Data Where it Lays

Interfaces to Legacy Systems

Leverage On-Going Initiatives

Plan BPRs to Change Electronic



Explore: JATDI Key Pieces

Weapon System Knowledge Web

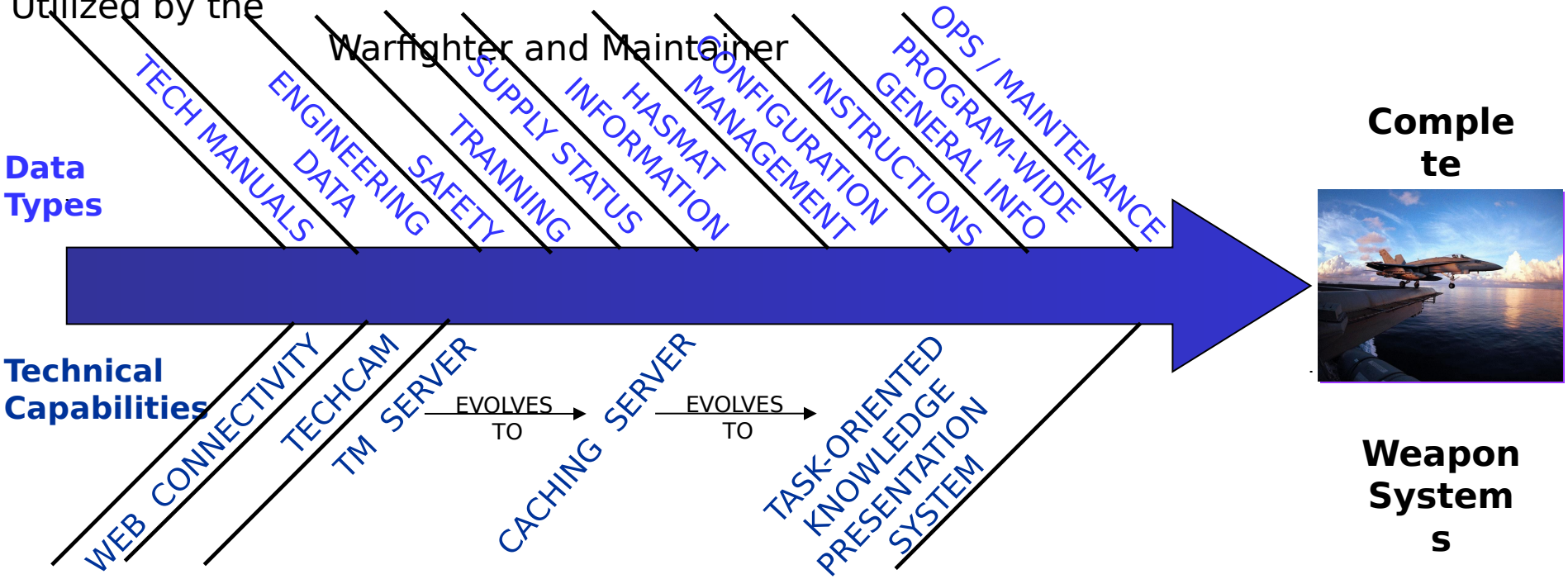
JK Caching Server

TechCam

Requirements Definition

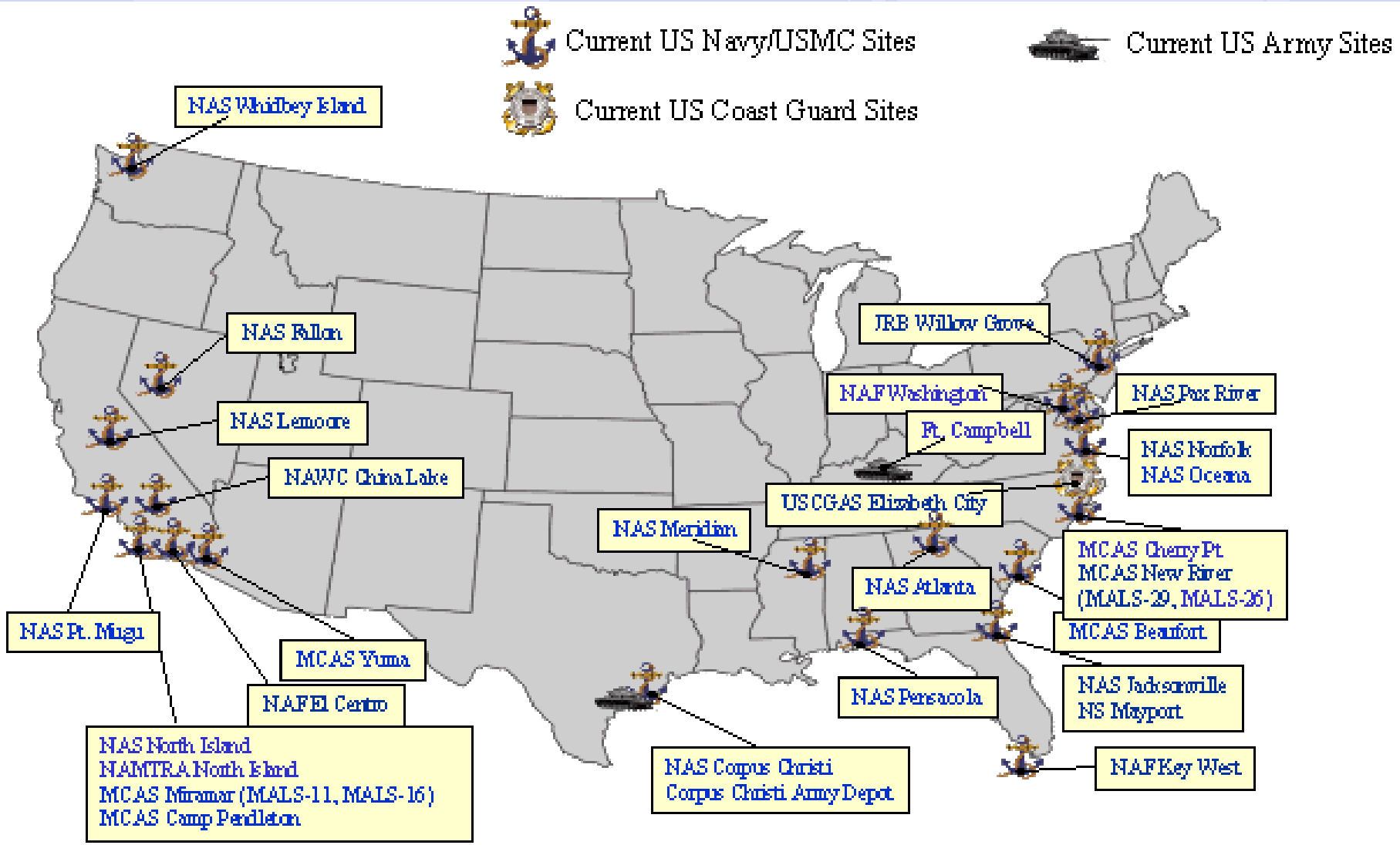
Goals: Provide Weapon Systems Digital Data to Warfighter – Where Needed – When Needed

Desired Outcome: Successful Integration of Web Enabled Data That Can be Utilized by the Warfighter and Maintainer

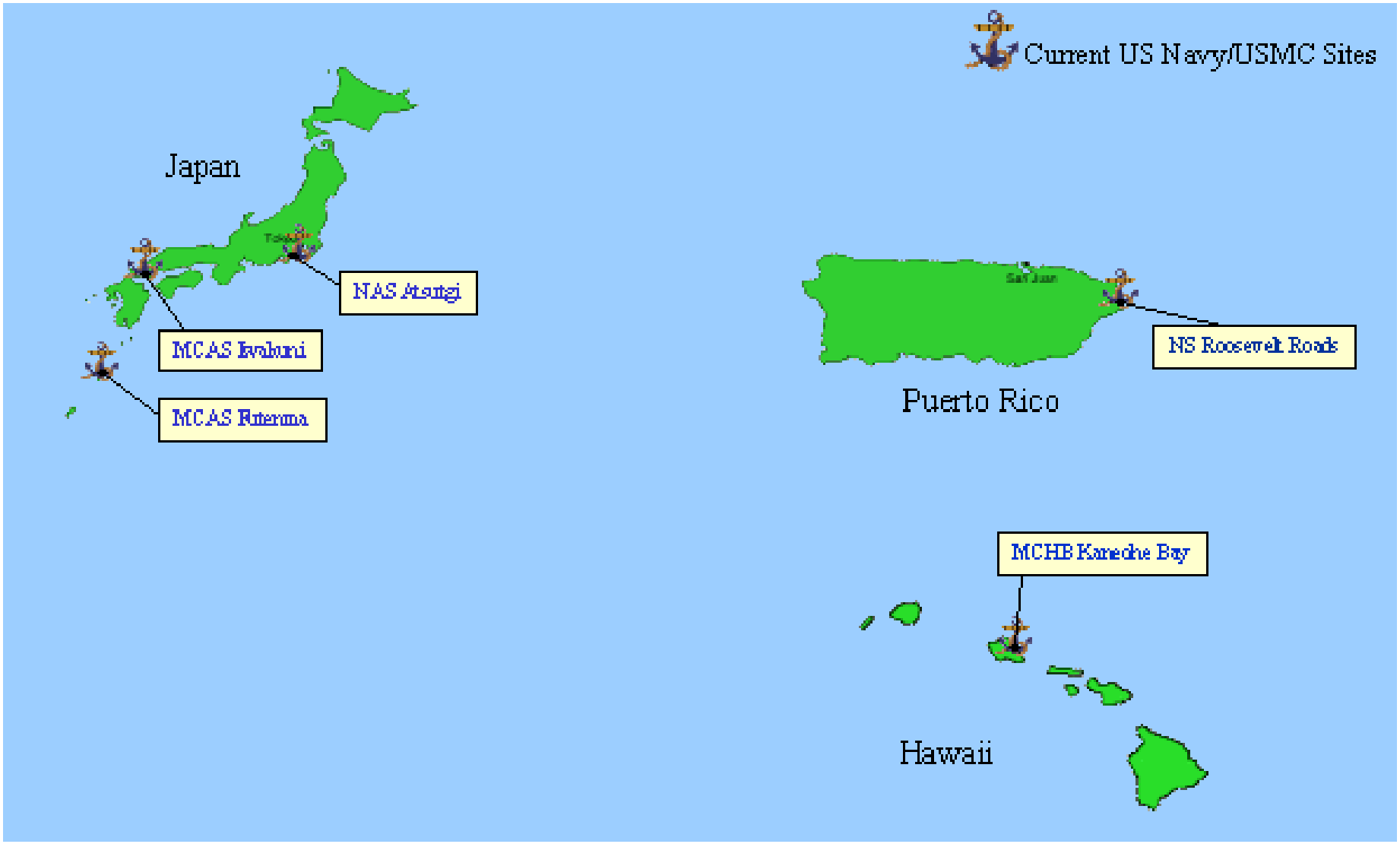


Success Criteria: Each JATDI Weapon System Has the Capability to Access All Needed Digital Data for O, I, & D Level Maintenance and Program–Wide General Information. Each Weapon System Will Have Connectivity to all Data Via the Web or Through a Caching Server, On-Shore and A-Float.

JKCS Server Shore Sites (CONUS)



JKCS Server Shore Sites (OCONUS)

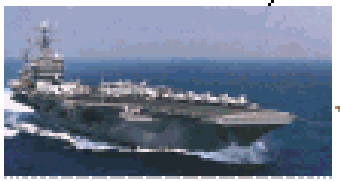


JKCS Server CV(N) Sites

NAVAIR

USS Kitty Hawk, CV-63

USS Constellation, CV-64



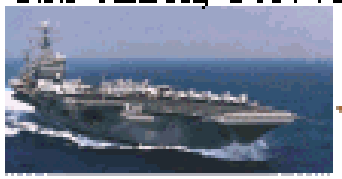
USS Enterprise, CV-65

USS Kennedy, CV-67

USS Nimitz, CV-68

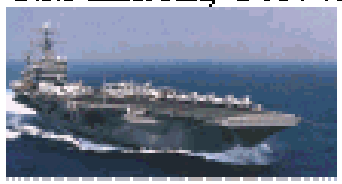
USS Eisenhower, CV-69

USS Vinson, CV-70



USS Roosevelt, CV-71

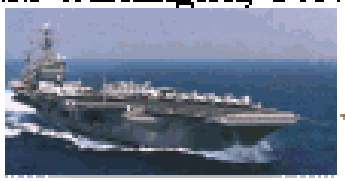
USS Lincoln, CV-72



JATDI Operational Sites

JATDI Non-Operational Sites

USS Washington, CVN-73



USS Stennis, CVN-74

USS Truman, CVN-75

JKCS Server
LHD Sites

Current US Navy/USMC Sites

USS Boxer, LHD-4

USS Bataan, LHD-5

Sustain

JATDI Customer Support

Website:
https://www.jatdi.mil

Email: Jatdi@ingr.com

Phone: 1-800-633-7248

Training: On-Line Guides
Hands-On

Are We Making Progress – YES!

Warfighter Response

"Benefits have been immediate. JATDI is available to all personnel to quickly access manuals onboard..request assistance acquiring additional PEDDs" .....

AIMDO
USS John C. Stennis 11/01

"You folk's still have the best Web site of all Military web sites I have visited or found."

UH-60 QA Officer
AASF #2 1/16/02

"I Didn't Believe it Until I Saw The Green Glow Coming From Underneath the Aircraft on the Carrier Hangar Deck at Night. It was from the Laptops Being Used to access JATDI Tech Data for Maintenance."

Prowler Maint Off
USS Roosevelt 8/22/01

"Request you formalize effort to provide JATDI to all MC activities..JATDI – More for the Corps."

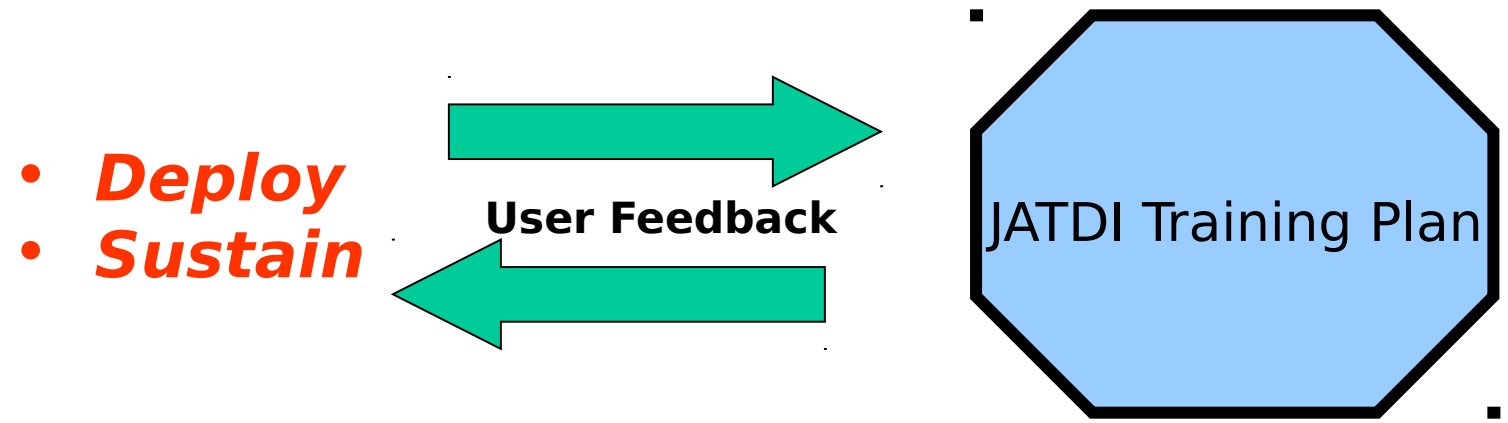
Col, HQMC
12/11/01

Are We At Our End State? No.

- Known Issues Under Investigation
  - Bandwidth Servers Afloat
  - Mailing issues with delivery of CDs to Carriers
  - Pass down of JATDI Awareness
- New Data Requirements
- Ever-Changing IT Requirements

Training Focus

- Training Deficiencies
  - Previous training may not have been sufficient due to:
    - Time Constraints
    - Limited training documentation
    - Formal policy
- Training knowledge and experience is not retained
  - User turnover



Training Strategy

Distribute Naval Message to Provide:

JATDI Introduction

Training Location

Training Dates

JATDI POC

6 weeks out

Provide Executive Overview

Communicate with Site POC to discuss and finalize training arrangements for the Site

2-4 weeks out

Site visit by JATDI Rep Confirm training facility

Confirm number of students

Verify hardware/software requirements

2 weeks out (only if necessary)

Train

Perform on-site JATDI training

Continuous User Support

East Coast Training

April-September 2003

- 2 sites per month
- Carriers as available
- 1 Government Rep
- 1 Trainer (contractor)
- 1 Technical (contractor)

West Coast Training

April-September 2003

- 2 sites per month
- Carriers as available
- 1 Government Rep
- 1 Trainer (contractor)
- 1 Technical (contractor)

Training Plan

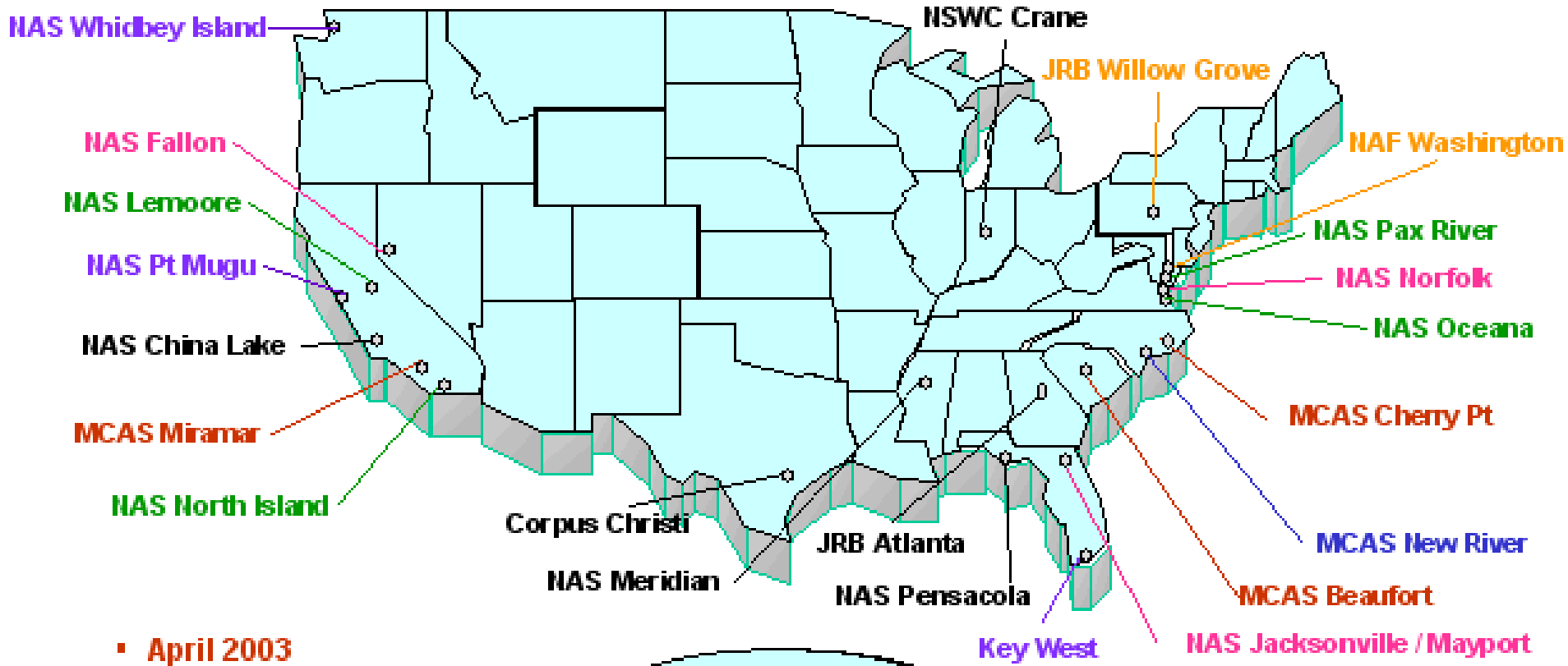
Current Training Plan

- JKCS System Administration Training
  - On-Site
  - Hands On
  - Approximately 4 Hours
- CTPL Training
  - On-Site
  - Hands-On
  - Approximately 2 hours
- End User Training
  - On-Site
  - Hands-On
    - 12 students per class
    - 2 students per workstation
    - Approximately 1 hour
- Training Brief
  - On-Site
  - No Hands-On
  - Presentation Slides
  - Approximately (30 minutes - 1 hour)

Future Training Plan

- Incorporate into School House Training
- On-Line Training
- Instructor Led Training Video
- Train-the-Trainer
- Computer Based Training (CBT)

JATDI Training
April-October 2003



- April 2003
- May 2003
- June 2003
- July 2003
- August 2003
- September 2003
- October 2003

OCONUS SITES

MCAS Kaneohe Bay (Hawaii)

NS Roosevelt Roads (Puerto Rico)

L-Class/CARRIERS

As Available